**PRCOCESS MODEL IDENTIFICATION**

**PROJECT TITLE**: Implementation of Thyroid disease prediction system using LDA and PCA algorithm

**TEAM MEMBERS:**

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Disease diagnosis is a very complex and tedious task; as it requires lots of experience and knowledge. One of the traditional ways for diagnosis is doctor’s examination or a number of blood tests. The main task is to provide disease diagnosis at early stages with higher accuracy. Data mining plays a vital role in medical field for disease diagnosis. According to an analysis while one in ten adults in India’s people is suffering from hypothyroidism. This estimation is found on the premise of an analysis conduct by Indian thyroid society. Thyroid disease is a major cause of concern in medical diagnosis and the prediction of which is a difficult proposition in medical research. The machine learning plays a vital role in the process of disease prediction.

This proposed system is meant for prediction of Thyroid disease using machine learning techniques. Also the system will provide necessary medication based on the result.

Since we are familiar with the Agenda and Requirements, this system will be developed using waterfall software development model.

The development will be divided in five phases:

* Analysis
* Design
* Coding
* Testing
* Deployment

